

#### **DECLARATION**

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the origina	l, first and sole
inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below	v) of the subject
matter which is claimed and for which a patent is sought on the invention entitled: METHODS FOR	
NEURODEGENERATIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS the specification of	
attached hereto or X was filed on March 23, 2000 as Application No. 09/534,706 and was amended on	(if
applicable).	

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/125,958	3/24/99
60/036,903	2/4/97

Application No.	Date of Filing	Status
09/018,226	2/3/98	Pending

Full Name of Inventor 1:	Last Name:	First Name: JONATHAN	Middle Name or I A.	nitial:
Residence & Citizenship:	City: Oakland	State/Foreign Country: California	Country of Citizer United States	•
Post Office Address:	Post Office Address: 5450 Masonic Avenue	City: Oakland	State/Country: California	Postal Code: 94618
Full Name of Inventor 2:	Last Name: LYNCH	First Name: GARY	Middle Name or I	nitial:
Residence & Citizenship:	City: Irvine	State/Foreign Country: California		
Post Office Address:	Post Office Address: #4 Gibbs Court	City: Irvine	State/Country: California	Postal Code: 92612-4030

Full Name of Inventor 3:	Last Name: KUNTZ	First Name: IRWIN	Middle Name or Initial: <b>D.</b>		
Residence & Citizenship:	City: Greenbrae	State/Foreign Country: California	Country of Citizenship: United States		
Post Office Address:	Post Office Address: 55 Almenar Drive	City: Greenbrae	State/Country: Postal Code: 94904		
Full Name of Inventor 4:	Last Name: BI	First Name: XIAONING	Middle Name or Initial:		
Residence & Citizenship:	City: Irvine	State/Foreign Country: California	Country of Citizenship: China		
Post Office Address:	Post Office Address: 89 Schubert Court	City: Irvine	State/Country: Postal Code: 92612		
Full Name of Inventor 5:	Last Name: LEE	First Name: CHRISTINA	Middle Name or Initial: E.		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: United States		
Post Office Address:	Post Office Address: 3327 Clay Street	City: San Francisco	State/Country: Postal Code: 94118		
Full Name of Inventor 6:	Last Name: SKILLMAN	First Name: A. GEOFFREY	Middle Name or Initial:		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: United States		
Post Office Address:	Post Office Address: 149 Ripley Street	City: San Francisco	State/Country: Postal Code: 94110-5261		
Full Name of Inventor 7:	Last Name: HAQUE	First Name: TASIR	Middle Name or Initial:		
Residence & Citizenship:	City: El Cerrito	State/Foreign Country: California	Country of Citizenship: United States		
Post Office Address:	Post Office Address: 11780 San Pablo Avenue	City: El Cerrito	State/Country: Postal Code: 94530		

Signature of Inventor 1  Jonatha A. Illman	Signature of Inventor 2	Signature of Inventor 3
Jonathan A. Ellman	Gary Lynch	Irwin Kuntz
Date	Date	Date
Signature of Inventor 4	Signature of Inventor 5	Signature of Inventor 6
Xiaoning Bi	Christina Lee	A. Geoffrey Skillman
Date	Date	Date
Signature of Inventor 7		
Tasir Haque	-	
Date		



Client Reference No.: B99-070

#### **DECLARATION**

As a below named inventor, I declare that:

My residen	ce, pos	t office	addres	s and	citizei	nship ar	e as	stated be	low	next	to my na	me; I beli	eve I a	am the o	riginal,	first a	ınd sole
inventor (if	only or	ne name	e is liste	d bel	ow) or	an orig	inal,	first and	joint	inve	ntor (if pl	ural inven	tors ar	e named	below)	of the	subject
matter whi	ch is	claime	d and	for v	which	a pate	nt is	sought	on	the	inventior	n entitled	ME'	<b>THODS</b>	FOR	TRE	ATING
NEURODE	GENE	CRATI	VE DIS	ORD	ERS I	USING	ASP.	ARTYL	PRC	)TEA	SE INH	IBITORS	the sp	ecificati	on of w	hich	is
attached her	reto or	<u>X</u> w	as filed	l on i	March	23, 200	00 as	Applica	tion 1	No. 0	9/534,70	6 and was	amen	ded on			(it
applicable).																	

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/125,958	. 3/24/99
60/036,903	2/4/97

	[	
Application No.	Date of Filing	Status
09/018,226	2/3/98	Pending

Full Name of Inventor 1:	Last Name: ELLMAN	First Name: JONATHAN	Middle Name or I A.	nitial:	
Residence & Citizenship:	City: Oakland	State/Foreign Country: California	Country of Citizer United States	nship:	
Post Office Address:	Post Office Address: 5450 Masonic Avenue	City: Oakland	State/Country: California	Postal Code: 94618	
Full Name of Inventor 2:	Last Name: LYNCH	First Name: GARY	Middle Name or I	nitial:	
Residence & Citizenship:	City: Irvine	State/Foreign Country: California		Country of Citizenship: United States	
Post Office Address:	Post Office Address: #4 Gibbs Court	City: Irvine	State/Country: California	Postal Code: 92612-4030	

Full Name of Inventor 3:	Last Name: KUNTZ	First Name: IRWIN	Middle Name or Initial: D.		
Residence & Citizenship:	City: Greenbrae	State/Foreign Country: California	Country of Citizen United States		
Post Office Address:	Post Office Address: 55 Almenar Drive	City: Greenbrae	State/Country: California	Postal Code: 94904	
Full Name of Inventor 4:	Last Name: BI	First Name: XIAONING	Middle Name or I	nitial:	
Residence & Citizenship:	City: Irvine	State/Foreign Country: California	Country of Citizen	nship:	
Post Office Address:	Post Office Address: 89 Schubert Court	City: Irvine	State/Country: California	Postal Code: 92612	
Full Name of Inventor 5:	Last Name: LEE	First Name: CHRISTINA	Middle Name or I	nitial:	
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizer United States		
Post Office Address:	Post Office Address: 3327 Clay Street	City: San Francisco	State/Country: California	Postal Code: <b>94118</b>	
Full Name of Inventor 6:	Last Name: SKILLMAN	First Name: A. GEOFFREY	Middle Name or I	nitial:	
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizen United States		
Post Office Address:	Post Office Address: 149 Ripley Street	City: San Francisco	State/Country: California	Postal Code: 94110-5261	
Full Name of Inventor 7:	Last Name: HAQUE	First Name: TASIR	Middle Name or I	Middle Name or Initial:	
Residence & Citizenship:	City: El Cerrito	State/Foreign Country: California		Country of Citizenship: United States	
Post Office Address:	Post Office Address: 11780 San Pablo Avenue	City: El Cerrito	State/Country: California	Postal Code: 94530	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Jonathan A. Ellman	Gary Lynch Gary Lynch	Irwin-Kuntz
Date	Date Tuly 25, 2000	Date
Signature of Inventor 4	Signature of Inventor 5	Signature of Inventor 6
Discox &		
Xiaoning Bi	Christina Lee	A. Geoffrey Skillman
Date July 25. 2000	Date	Date
Signature of Inventor 7		
Tasir Haque		
Date		•



Client Reference No.: B99-070

#### **DECLARATION**

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS FOR TREATING NEURODEGENERATIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS the specification of which \_\_\_\_\_ is attached hereto or \_X was filed on March 23, 2000 as Application No. 09/534,706 and was amended on \_\_\_\_\_ (if applicable).

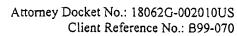
I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/125,958	3/24/99
60/036,903	2/4/97

Application No.	Date of Filing	Status
09/018,226	2/3/98	Pending

Full Name of Inventor 1:	Last Name: ELLMAN	First Name: JONATHAN	Middle Name or I	
Residence & Citizenship:	City: Oakland	State/Foreign Country: California	Country of Citizer United States	•
Post Office Address:	Post Office Address: 5450 Masonic Avenue	City: Oakland	State/Country: California	Postal Code: 94618
Full Name of Inventor 2:	Last Name: LYNCH	First Name: GARY	Middle Name or Initial:	
Residence & Citizenship:	City: Irvine	State/Foreign Country: California	Country of Citizenship: United States	
Post Office Address:	Post Office Address: #4 Gibbs Court	City: Irvine	State/Country: California	Postal Code: 92612-4030



Full Name of Inventor 3:	Last Name: KUNTZ	First Name: IRWIN	Middle Name or I. D.	nitial:	
Residence & Citizenship:	City: Greenbrae	State/Foreign Country: California	Country of Citizer United States	nship:	
Post Office Address:	Post Office Address: 55 Almenar Drive	City: Greenbrae	State/Country: California	Postal Code: 94904	
Full Name of Inventor 4:	Last Name: BI	First Name: XIAONING	Middle Name or I	nitial:	
Residence & Citizenship:	City: Irvine	State/Foreign Country: California	Country of Citizer China	nship:	
Post Office Address:	Post Office Address: 89 Schubert Court	City: Irvine	State/Country: California	Postal Code: 92612	
Full Name of Inventor 5:	Last Name: LEE	First Name: CHRISTINA	Middle Name or I E.	nitial:	
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California		Country of Citizenship: United States	
Post Office Address:	Post Office Address: 3327 Clay Street	City: San Francisco	State/Country: California	Postal Code: 94118	
Full Name of Inventor 6:	Last Name: SKILLMAN	First Name: A. GEOFFREY	Middle Name or I	nitial:	
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citize United States		
Post Office Address:	Post Office Address: 149 Ripley Street	City: San Francisco	State/Country: California	Postal Code: 94110-5261	
Full Name of Inventor 7:	Last Name: HAQUE	First Name: TASIR	Middle Name or Initial:		
Residence & Citizenship:	City: El Cerrito	State/Foreign Country: - California	Country of Citize United States		
Post Office Address:	Post Office Address: 11780 San Pablo Avenue	City: El Cerrito	State/Country: California	Postal Code: 94530	

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
		Shand
Jonathan A. Ellman	Gary Lynch	Irwin Kuntz
Date	Date	Date 29 June, 2000
Signature of Inventor 4	Signature of Inventor 5	Signature of Inventor 6
		a. Suffry Shilling
Xiaoning Bi	Christina Lee	A. Geoffrey Skillman
Date	Date	Date 28 June, 2000.
Signature of Inventor 7	·	
		•
Tasir Haque		
Date		



Client Reference No.: B99-070

#### DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS FOR TREATING NEURODEGENERATIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS the specification of which \_\_\_\_\_ is attached hereto or \_X was filed on March 23, 2000 as Application No. 09/534,706 and was amended on \_\_\_\_\_ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/125,958	3/24/99
60/036,903	2/4/97

Application No.	Date of Filing	Status
09/018,226	2/3/98	Pending

Full Name of Inventor 1:	Last Name: ELLMAN	First Name: JONATHAN	Middle Name or I	nitial:
Residence & Citizenship:	City: Oakland	State/Foreign Country: California	Country of Citizenship: United States	
Post Office	Post Office Address:	City:	State/Country:	Postal Code: 94618
Address:	5450 Masonic Avenue	Oakland	California	
Full Name of Inventor 2:	Last Name: LYNCH	First Name: GARY	Middle Name or Initial:	
Residence &	City:	State/Foreign Country:	Country of Citizenship: United States	
Citizenship:	Irvine	California		
Post Office	Post Office Address:	City:	State/Country:	Postal Code: 92612-4030
Address:	#4 Gibbs Court	Irvine	California	

Full Name of Inventor 3:	Last Name: KUNTZ	First Name: IRWIN	Middle Name or In <b>D.</b>	itial:
Residence & Citizenship:	City: Greenbrae	State/Foreign Country: California	Country of Citizen United States	ship:
Post Office Address:	Post Office Address: 55 Almenar Drive	City: Greenbrae	State/Country: California	Postal Code: 94904
Full Name of Inventor 4:	Last Name: BI	First Name: XIAONING	Middle Name or In	itial:
Residence & Citizenship:	City: Irvine	State/Foreign Country: California	Country of Citizen China	ship:
Post Office Address:	Post Office Address: 89 Schubert Court	City: Irvine	State/Country: California	Postal Code: 92612
Full Name of Inventor 5:	Last Name: LEE	First Name: CHRISTINA	Middle Name or In	itial:
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizen United States	ship:
Post Office Address:	Post Office Address: 3327 Clay Street	City: San Francisco	State/Country: California	Postal Code: 94118
Full Name of Inventor 6:	Last Name: SKILLMAN	First Name: A. GEOFFREY	Middle Name or In	itial:
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizen United States	ship:
Post Office Address:	Post Office Address: 149 Ripley Street	City: San Francisco	State/Country: California	Postal Code: 94110-5261
Full Name of Inventor 7:	Last Name: HAQUE	First Name: TASIR		5/1
Residence & Citizenship:	City: El-Cerrito Wilmington TSA	State/Foreign Country: California Delavare 15#	Country of Citizen United States	· -
Post Office Address:	Post Office Address:  11780-San Pablo Avenue	California Delavare 15th  City: El-Cerrito Wilnington 191	State/Country: California	Postal Code: 94530

2 of 3

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Jonathan A. Ellman	Gary Lynch	Irwin Kuntz
Date	Date	Date
Signature of Inventor 4	Signature of Inventor 5	Signature of Inventor 6
Xiaoning Bi	Christina Lee	A. Geoffrey Skillman
Date	Date	Date

Signature of Inventor 7

Tasir Haque

Date 6/28/2000



Client Reference No.: B99-070

#### DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole
inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subjec
matter which is claimed and for which a patent is sought on the invention entitled: METHODS FOR TREATING
NEURODEGENERATIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS the specification of whichis
attached hereto or X was filed on March 23, 2000 as Application No. 09/534,706 and was amended on (i
applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

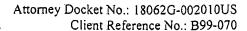
I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/125,958	3/24/99
60/036,903	2/4/97

Application No. Date of Filing		Status	
09/018,226 2/3/98		Pending	

Full Name of Inventor 1:	Last Name: ELLMAN	First Name: JONATHAN	Middle Name or I	
Residence & Citizenship:	City: Oakland	State/Foreign Country: California	Country of Citizer United States	•
Post Office	Post Office Address:	City:	State/Country:	Postal Code: 94618
Address:	5450 Masonic Avenue	Oakland	California	
Full Name of Inventor 2:	Last Name: LYNCH	First Name: GARY	Middle Name or Initial:	
Residence & Citizenship:	City:	State/Foreign Country:	Country of Citizenship:	
	Irvine	California	United States	
Post Office	Post Office Address:	City:	State/Country:	Postal Code: 92612-4030
Address:	#4 Gibbs Court	Irvine	California	

Full Name of Inventor 3:	Last Name: KUNTZ	First Name: IRWIN	Middle Name or Initial: D.		
Residence & Citizenship:	City: Greenbrae	State/Foreign Country: California		Country of Citizenship: United States	
Post Office Address:	Post Office Address: 55 Almenar Drive	City: State/Country: California		Postal Code: 94904	
Full Name of Inventor 4:	Last Name: BI	First Name: XIAONING	Middle Name or Initial:		
Residence & Citizenship:	City: Irvine	State/Foreign Country: California	Country of Citizenship: China		
Post Office Address:	Post Office Address: 89 Schubert Court	City: Irvine	State/Country: California	Postal Code: 92612	
Full Name of Inventor 5:	Last Name: LEE	First Name: CHRISTINA	Middle Name or Initial: E.		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: United States		
Post Office Address:	Post Office Address: 3327 Clay Street	City: San Francisco	State/Country: California	Postal Code: 94118	
Full Name of Inventor 6:	Last Name: SKILLMAN	First Name: A. GEOFFREY	Middle Name or Initial:		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: United States		
Post Office Address:	Post Office Address: 149 Ripley Street	City: San Francisco	State/Country: California	Postal Code: 94110-5261	
Full Name of Inventor 7:	Last Name: HAQUE	First Name: TASIR	Middle Name or Initial:		
Residence & Citizenship:	City: El Cerrito	State/Foreign Country: California	Country of Citizenship: United States		
Post Office Address:	Post Office Address: 11780 San Pablo Avenue	City: El Cerrito	State/Country: California	Postal Code: 94530	



Signature of Inventor 2	Signature of Inventor 3
Gary Lynch	Irwin Kuntz
Date	Date
Signature of Inventor 5	Signature of Inventor 6
Christina Lee	A. Geoffrey Skillman
Date Tune 26, 2000	Date
-	
	Gary Lynch  Date  Signature of Inventor 5  Clintul Lie  Christina Lee



### Attorney Docket No. 18062G002010 Client Ref. No. B99-070

# CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Applicant: Jonathan A. Ellman, et al.
Application No.: 09/534,706 Filed: March 23, 2000
For: METHODS FOR TREATING NEURODEGENERATIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS
The Regents of the University of California, a California corporation  (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
certifies that it is assignee of the patent application identified above by virtue of either:
A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel, Frame(s), or for which a copy thereof is attached.  OR
B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:
1. From: To: To: The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
2. From: To: To: The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
Additional documents in the chain of title are listed on a supplemental sheet.
Copies of assignments or other documents in the chain of title are attached.
The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.
I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.
Date: August //, 2000.  Name: Linda S. Stevenson  Title: Manager, Patent Prosecution  Signature: Auda S Stevenson

SF 150638 v1 \*SF 1106524 v1

TTC Attorney Docket No. 13062G002010

# ASSIGNMENT

U.C. Case No. 899-070

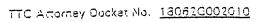
. Jonathan A. E	ilman	2. Gary Lynch
3. Irwin D. Kuntz		4. Xiaoning 8i
	e	6. A. Geoffrey Skillman
7. Tasir Haque		
Corporation, have 34607-5200, and a state of the moreovernents were the moreovernents were stated to the state of the stat	ring its statewide administrated the successors, assigns an United States and its territori hich are disclosed in the inven	
METHODS FOR	TREATING NEURODEGENERA	TIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS
and which is fou		
(a)		iled herewith and listing the above-named persons as inventors
(b)		herewith and listing the above-named persons as inventors
(c) <u>X</u>		9/534,706, filed on March 23, 2000
(d)	U.S. Patent No.:	ountry, including the right to claim priority and, in and to, all Letters
ASSIGNOR(S) h	ereby covenants that no assign ich would conflict with this ass	
entered into whin ASSIGNOR(S) facts and docume accessible to A thereto and with instruments or a second with the second accessible to a s	urther covenants that ASSIGN nents relating to said invention SSIGNOR and will testify as III promptly execute and delivatifiations required to apply for	signment;  NEE will, upon its request, be provided promptly with all pertinent and said Letters Patent and legal equivalents as may be known and to the same in any interference, litigation, or proceeding relating ver to ASSIGNEE or its legal representative any and all papers or, obtain, maintain, issue or enforce said application, said inventions thereof which may be necessary or desirable to carry out the atthorized and requested by the execution of this assignment to insert the control of the same light and the control of the control of the same light and the control of
purposes thereo	of. An attorney of record is au ment the filing date and serial r	number of said application when officially known.
	was a same the Commission	sioner of Patents and Trademarks to issue said Letters Patent of the ereof to the ASSIGNEE, The Regents of the University of California.
executed this 27 day of	ang 2010	Signature of Indentor(s)  Amana Aman
day o	, 20	
day of _	, 20	
day of _	, 20	
day of _		
day of _	, 20	
day of	, 20	

TTC Attorney Docket No. 18062G002010

# ASSIGNMENT

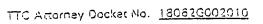
U.C. Case No. B99-070

For good and valuable	consideration, the receipt	of which is hereby acknowledged, ASSIGNOR(S),
1. <u>Jonathan A. Ellman</u>		2. Garv Lynch
3. Irwin D. Kuntz		4. Xiaoning Bi
5. Christina E. Lee		6. A. Geoffrey Skillman
7. <u>Tasir Haque</u>		<del></del>
Corporation, having in 94607-5200, and the interest for the Unite improvements which a	ts statewide administration is successors, assigns and distates and its territorial are disclosed in the invention	
METHODS FOR TREA	TING NEURODEGENERAT	IVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS
and which is found in		
· - ·		ed herewith and listing the above-named persons as inventors
		erewith and listing the above-named persons as inventors
		534,706, filed on March 23, 2000
(d)U.S	Patent No.:	, issued
part, extension, conv of said Letters Patent ASSIGNOR(S) hereby	and all rights under all Int	untry, including the tight to claim priority and, in and to, all Letters above application or any continuation, division, continuation-inor substitute thereof, and any reissue, reexamination or extension ernational Conventions for the Protection of Industrial Property; ment, sale, agreement or encumbrance has been or will be made or ignment;
facts and documents accessible to ASSIG thereto and will pro instruments or affida and said Letters Pat purposes thereof. Ar into this assignment	relating to said invention NOR and will testify as to mptly execute and delivivits required to apply for, ent and said equivalents in attorney of record is auther filling date and serial numbers.	EE will, upon its request, be provided promptly with all pertinent and said Letters Patent and legal equivalents as may be known and to the same in any interference, litigation, or proceeding relating er to ASSIGNEE or its legal representative any and all papers, obtain, maintain, issue or enforce said application, said invention thereof which may be necessary or desirable to carry out the horized and requested by the execution of this assignment to insert umber of said application when officially known.
AND the ASSIGNOR United States and an	y reissue or extension the	reof to the ASSIGNEE, The negents of the Shive Sity S. Samether
executed this		Signature of Inventor(s)
day of		Q. Lind
		The state of the s
day of		Licely
day of	, 20	
day of	, 20	
day of	, 20	



SF 1106456 v1

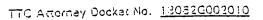
U.C. Casa No. 899-070		(2/CNO3/22 A section (2/S)
		of which is hereby acknowledged, ASSIGNOR(S),
1. Jonathan A. Ellman		. No101
3. Invin D. Kuntz		a i G vita v Chillena
5. Christina E. Lee		5. A. Geomisy Skillman
7. Tasir Haque		
Corporation, having its s 94607-5200, and the su interest for the United S improvements which are	statewide administration in the invention of the inventio	ENEE, The Regents of the University of California, a California ive offices located 1111 Franklin St., 12 <sup>th</sup> Floor, Oakland, CA degal representatives of the ASSIGNEE all of its right, title and all possessions and in all foreign countries in and to, any and all tion entitled:
METHODS FOR TREATIN	G NEURODEGENERAT	TIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS
and which is found in	•	
	ovisional application fil	ed herewith and listing the above-named persons as inventors
	toot application filed h	serewith and listing the above-named persons as inventors
(T)	olication serial no. 09/	/534,706, filed on March 23, 2000
	sana Nasi	puntry, including the right to claim priority and, in and to, all Letters
part, extension, conversion of said Letters Patent and ASSIGNOR(S) hereby coor entered into which wo facts and documents reliaccessible to ASSIGNO thereto and will prompinstruments or affidavits and said Letters Patent	d all rights under all avenants that no assignments that ASSIGN atting to said invention R and will testify as thy execute and delivered to apply for and said equivalent that all all and said equivalent to a said equiva	the prove application or any continuation, division, continuation-in- of substitute thereof, and any reissue, reexamination or extension terrational Conventions for the Protection of Industrial Property;  liment, sale, agreement or encumbrance has been or will be made assignment;  NEE will, upon its request, be provided promptly with all pertinent and said Letters Patent and legal equivalents as may be known and to the same in any interference, litigation, or proceeding relating ver to ASSIGNEE or its legal representative any and all papers, r, obtain, maintain, issue or enforce said application, said invention s thereof which may be necessary or desirable to carry out the thorized and requested by the execution of this assignment to insert number of said application when officially known.
		sioner of Patents and Trademarks to issue said Letters Patent of the ereof to the ASSIGNEE, The Regents of the University of California.
executed this		Signature of Inventor(s)
day of	, 20	
day of	, 20	
29 day of June	, 20 <u>0</u> 0	Mint
day of	, 20	
day of	, 20	0.1.1.01.1.
28 day of June	, 20 <u>00</u>	a. Hulling Stillan
day of	, 20	



# ASSIGNMENT

U.C. Casa No. 899-070	
For good and valuable consideration, t	he receipt of which is hereby acknowledged, ASSIGNOR(S),
1. Jonathan A. Ellman	2. Gary Lynch
3. Invin D. Kuntz	4. Xiaoning Si
5. Christina E. Lae	a A Cantinau Skillman
a Toda Baarra	
Corporation, having its statewide a 94607-5200, and the successors, a interest for the United States and it improvements which are disclosed in	to ASSIGNEE, The Regents of the University of California, a California dministrative offices located 1111 Franklin St., 12 <sup>rd</sup> Floor, Oakland, CA ssigns and legal representatives of the ASSIGNEE all of its right, title and a territorial possessions and in all foreign countries in and to, any and all the invention entitled:
METHODS FOR TREATING NEURODE	EGENERATIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS
and which is found in	
LLCvicingal and	plication filed herewith and listing the above-named persons as inventors
The second secon	tion filed herewith and listing the above-named persons as inventors
· · · · · · · · · · · · · · · · · · ·	rial no. 09/534,706, filed on March 23, 2000
N	foreign country, including the right to claim priority and, in and to, all Letters
part, extension, conversion to 35 U-	foreign country, including the right to claim priority and, in discountry, including the right to claim priority and, in discountry, including the right to claim priority and, in discountry, including the restaurant of the protection of industrial property; at no assignment ale, agreement or encumbrance has been or will be made with this assignment;
ASSIGNOR(S) further covenants the facts and documents relating to said accessible to ASSIGNOR and will thereto and will promptly execute instruments or affidavits required to and said Letters Patent and said purposes thereof. An attorney of reinto this assignment the filing date at	at ASSIGNEE will, upon its request, be provided promptly with all pertinent invention and said Letters Patent and legal equivalents as may be known and testify as to the same in any interference, litigation, or proceeding relating and deliver to ASSIGNEE or its legal representative any and all papers, a apply for, obtain, maintain, issue or enforce said application, said invention equivalents thereof which may be necessary or desirable to carry out the ecord is authorized and requested by the execution of this assignment to insert and serial number of said application when officially known.
•	e Commissioner of Patents and Trademarks to issue said Letters Patent of the tension thereof to the ASSIGNEE, The Regents of the University of California.
executed this	Signature of Inventor(s)
day of, 20	<u> </u>
day of, 20	
day of, 20	<del>_</del> .
day of, 20	Christmarher
26th day of June, 200	O (Mallia Cue
day of, 20_	
day of, 20_	

SF 1.106456 v1



# ASSIGNMENT

SF 1106456 v1

U.C. Casa No. 399-	070	: which is becapy acknowledged, ASSIGNOR(S),
		which is hereby acknowledged, ASSIGNOR(S),  2. Gary Lynch
	nan	
		A. Geoffrey Skillman
5. <u>Christina E. Lee</u>		o. A. Ceomer Samme.
7. Tasir Haque		
Corporation, havin 94607-5200, and interest for the Ur improvements which	g its statewide administration the successors, assigns and limited States and its territorial such are disclosed in the invention	EE, The Regents of the University of California, a California offices located 1111 Franklin St., 12 <sup>th</sup> Floor, Oakland, CA egal representatives of the ASSIGNEE all of its right, title and possessions and in all foreign countries in and to, any and all nentitled:
METHODS FOR TE	REATING NEURODEGENERATIV	VE DISORDERS USING ASPARTYL PROTEASE INHIBITORS
and which is found		
	s a manifestion filed	herewith and listing the above-named persons as inventors
	J.S. provisional application filed her	ewith applicating the above-named persons as inventors
(p)	J.S. patent application filed field	34.706, Ned on March 23, 2000
(c) <u>X</u>	J.S. application senal no. <u>09733</u>	
part, extension, cof said Letters Par	onversion to 35 USC 111(a) of tent and all rights under all inter	r substitute thereof, and any reissue, reexamination or extension mational Conventions for the Protection of Industrial Property; ment, sale, agreement or encumbrance has been or will be made
ASSIGNOR(S) fur facts and docume accessible to AS thereto and will instruments or at and said Letters purposes thereof	rther covenants that ASSIGNE ents relating to said invention at SIGNOR and will testify as to promptly execute and deliver fidavits required to apply for, Patent and said equivalents. An attorney of record is authent the filing date and serial numbers.	E will, upon its request, be provided promptly with all pertinent and said Letters Patent and legal equivalents as may be known and the same in any interference, litigation, or proceeding relating to ASSIGNEE or its legal representative any and all papers obtain, maintain, issue or enforce said application, said invention thereof which may be necessary or desirable to carry out the lorized and requested by the execution of this assignment to insertion of said application when officially known.
AND the ASSIGN United States and	NOR(S) requests the Commission there	oner of Patents and Trademarks to issue said Letters Patent of the eof to the ASSIGNEE, The Regents of the University of California.
executed this		Signature of Inventor(s)
day of	, 20	
28 day of	June , 2000	Jan Sty

**2**002







Atty. Docket No. 18062G002010

# VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS

EMARK		2 1,27(c)) - SMALL BI			
Applicant or Patentos	Jonathan A. Ellman, Gary	Lynch, Irwin Kuntz, J	(soning Bi, Christina )	Loc. A. Geoff	irey Skillman, Tasir
Unane	•				
Application or Patent	No.: <u>09/534,706</u>				
Filed or Issued: Man	ch 23, 2000 OR TREATING NEURODE	GENERATIVE DISOR	DERS USING ASPART	YL PROTEA	SE THIBITORS
Title METHODSI	OK TRUSTING				
I hereby declare that I	lama:	,			
		all business concern idea	rified holow:		
	an official of the sm	all business concern cur	powered to act on behalf	f of the concer	n identified below:
Name of Small Busin	less Concom: Thuris Corpora	dion			
Address of Small Bu	siness Concern: 1 mms Corpurations Concern: 620 Newbort	Center Drive, Suite 110	D. Newport Beach, Cam	orma 92000	
and reproduced in 37 number of employee (1) the number of excaployed on a full-ti of each other when a controls or has the person of the perso		paying remocer less wood of its affiliates, does not its the average over axis during each of the part	s not exceed 500 person at the previous fiscal y sy periods of the liscal as the power to control i	is. For purpose ear of the convear, and (2) of the other, or a	ses of this statement, seem of the persons oncerns are affiliates third party or pertipa
	vention, cutitled METHODS I ITORS by inventor(s) Jonath ue described in:	ian A. Ellman, Gary Ly			
	the specification file Application No. 0 Patent No	ed hercwith. 9/534,706, filed <u>March</u> issued	<u>23, 2000</u> .		
rights in the invention qualify as an indepense as a small business of	the above identified small by on is listed below* and no right indent inventor under 37 CFR concern under 37 CFR 1.9(d), Separate verified statements a avening to their status as small	nts to the invention are to 1,9(c) if that person may or a nonprofit organization each in the person was personal to the person are personal to the personal transfer of th	de the invention, or by on under 37 CFR 1.9(c)	any concern d	hat would not qualify
Name The	Regents of the University of	California			
Address Off	ice of Technology Transfer	<del></del> ,			
<u> </u>	Franklin Street, 12th Floor, C Individual Small	Dakland California 9460 Business Concern 🔀	7-5200 Nonprofit Organization	<u> </u>	
Name	•				
Address					
			7.6		
	☐ Individual ☐ Smal	l Business Conocrn	Nonprotit Organizatio	п	
small entity stable of	tury to The in this application rior to paying, or the time and entity is no longer appropriate.	of paying, the earliest of	of any change in status the issue fee or any ma	resulting in aintenance fee	loss of entitlement to due after the date on
belief are believed t	at all statements made herein to be true; and further that the hishable by fine or imprisonments may jeopardize the valida l.  KF -71+	ese statements were make ent or both under section	to with the knowledge to the 1001 of Thile 18 of the parent issuing thereon.	nat willful far a United State	se statements and the
Name of Person Sig Title of Person if Ot	her than Owner: VICE ligning: Thuris Corporation.	CRESIDEM .	GUISNESS DEV	E Lag MEA Beach, Califo	mia 92660_
V001022 01 L(0.200] 2	A LINE COLDS CALLED	A Property of the Party of the			8/23/2000
				<b></b>	R173/2000
Signature	vv			Date	JIN/
SF 1128989 v1		·			

Applicant or Patentee: <u>Jonathan A. Ellman, Gary Lynch, Irwin Kuntz, Xiaoning Bi, Christina Lee, A. Geoffrey Skillman, Tasir Haque</u> Application or Patent No.: <u>09/534,706</u>
Filed or Issued: March 23, 2000
Title: METHODS FOR TREATING NEURODEGENERATIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS
I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:
Name of Nonprofit Organization: The Regents of the University of California  Address of Nonprofit Organization: Office of Technology Transfer, 111 Franklin Street, 12th Floor, Oakland, California 94607-5200
Type of Nonprofit Organization:
[X] University or other institution of higher education [] Tax exempt under Internal Revenue Service Code [26 USC 501(a) and 501(c)(3)] [] Nonprofit scientific or educational under statute of state or the United States of America (Name of state (Citation of statute ) [] Would qualify as tax exempt under Internal Revenue Service Code [26 USC 501(a) and 501(c)(3)] if located in the United States of America [] Would qualify as nonprofit scientific or educational under statute of state of the United States of America if located in the United States of America
(Name of state ) (Citation of statute )
I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention, entitled METHODS FOR TREATING NEURODEGENERATIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS by inventor(s) Jonathan A. Ellman, Gary Lynch, Irwin Kuntz, Xiaoning Bi, Christina Lee, A. Geoffrey Skillman, Tasir Haque described in:
[ ] the specification filed herewith. [X] Application No. 09/534,706, filed March 23, 2000.
I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization regarding the above identified invention.
If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern that would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).  *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)
Name Thuris Corporation
Address 620 Newport Center Drive, Suite 1100 Newport Beach, CA 92660
[ ] Individual [ X ] Small Business Concern [ ] Nonprofit Organization
Name
[ ] Individual [ ] Small Business Concern [ ] Nonprofit Organization
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.
Name of Person Signing:  Linda S. Stevenson  Managor Petert Proceedings
Title in Organization of Person Signing: Manager, Patent Prosecution  Address of Person Signing: Office of Technology, Transfer.
1111 Franklin Street, 22th Floor, Oakland, California, 94607-5200
$\lambda$ · $\lambda$ · $\lambda$
Signature